



6677 606 B1

CofC  
#15  
C. W. N.

PATENT

UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Rajh, et al.  
Title: "DOPA AND DOPAMINE MODIFICATION OF METAL OXIDE SEMICONDUCTORS, METHOD FOR ATTACHING BIOLOGICAL MOLECULES TO SEMICONDUCTORS"  
Serial No.: 09/606,429  
Filing Date: June 28, 2000  
Examiner: Mary A. El-Shammaa  
Art Unit: 2881  
Attny Docket: 0003/00724

Certificate  
APR 08 2004  
of Correction

CERTIFICATE OF MAILING: I hereby certify that this correspondence is being deposited with the United States Postal service as first class mail in an envelope addressed to the Commissioner for Patents, Alexandria, VA 22313-1450 on March 30, 2004 (Date of Deposit)

Kimwanza Buford  
Name of Representative

Kimwanza Buford  
Signature

3-30-04  
Date of Signature

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

20 North Wacker Drive  
Chicago, IL 60606  
(312) 621-1330

REQUEST FOR A CERTIFICATE OF CORRECTION

Dear Sir or Madam:

In accordance with 35 U.S.C. 255, the patentee and the assignee of the above-identified patent requests through their undersigned agent, that the enclosed correction to the patent be made. Pursuant to 37 C.F.R. 1.323, a \$100 payment is enclosed herewith.

The undersigned submits that no new matter will be added as a result of the requested correction.

Respectfully submitted,  
CHERSKOV & FLAYNIK

By:

Michael J. Cherskov  
Michael J. Cherskov (Reg. No. 33,664)

04/06/2004 AWONDAF2 00000177 6677606

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9 APR 2004

## UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

PATENT NO. : 6,677,606 B1

DATED : January 13, 2004

INVENTOR(S) : Tijiana Rajh, Tatjana Paunsku, Gayle Woloschak, Marion C. Thurnauer

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 12, Line 17

14. A method for detecting molecules, the method comprising:
- a) determining the electronic status of a semiconductor;
  - b) establishing electronic communication between the molecules and the semiconductor;
  - c) subjecting the semiconductor to energy influx;
  - d) redetermining the electronic status of the semiconductor, wherein bidentate moieties are positioned intermediate the molecules and the semiconductor, and wherein the moieties are dihydroxyl phenyls selected from the group consisting of 1,2-dihydroxyl phenylamine, 1,2-dihydroxyl phenylalanine, 1,2-dihydroxyl benzoic acid, 1,2-dihydroxyl glycine, 1,2-dihydroxyl benzyl amine, and combinations thereof.

A

### MAILING ADDRESS OF SENDER:

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PATENT NO. 6,677,606 B1

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This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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9 APR 2004

UNITED STATES PATENT AND TRADEMARK OFFICE  
CERTIFICATE OF CORRECTION

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DATED : January 13, 2004  
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Page 1 of 1

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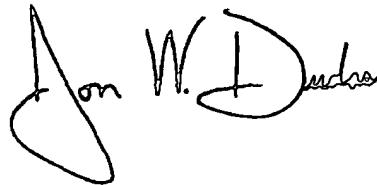
Column 12,

Line 17, should read:

- 14. A method for detecting molecules, the method comprising:
- a) determining the electronic status of a semiconductor;
  - b) establishing electronic communication between the molecules and the the semiconductor;
  - c) subjecting the semiconductor to energy influx;
  - d) redetermining the electronic status of the semiconductor, wherein bidentate moieties are positioned intermediate the molecules and the semiconductor, and wherein the moieties are dihydroxyl phenyls selected from the group consisting of 1,2-dihydroxyl phenylamine, 1,2-dihydroxyl phenylalanine, 1,2-dihydroxyl benzoic acid, 1,2-dihydroxyl glycine, 1,2-dihydroxyl benzyl amine, and combinations thereof. --

Signed and Sealed this

Third Day of August, 2004

A handwritten signature in black ink, appearing to read "Jon W. Dudas". The signature is stylized with a large, looping initial "J" and a distinct "D".

JON W. DUDAS  
*Acting Director of the United States Patent and Trademark Office*